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Patent and Trademark Office**

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OCTOBER 11, 2001

PTAS

SUGHRUE, MION, ZINN, MACPEAK ET AL  
MARK BOLAND  
2100 PENNSYLVANIA AVENUE, N.W.  
SUITE 800  
WASHINGTON, D.C. 20037-3213



\*101808361A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/01/2001

REEL/FRAME: 012051/0837  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YAMAMOTO, TAKAYUKI

DOC DATE: 07/25/2001

ASSIGNOR:  
TARUNO, TOMOHIRO

DOC DATE: 07/25/2001

ASSIGNEE:  
NITTO DENKO CORPORATION  
1-2, SHIMOHOZUMI 1-CHOME  
IBARAKI-SHI  
OSAKA, JAPAN

SERIAL NUMBER: 09918532  
PATENT NUMBER:

FILING DATE: 08/01/2001  
ISSUE DATE:

*Copey*

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Form PTO-1595  
1-31-92

08-13-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

F

To the Commissioner for

101808361

documents or copy thereof.

## 1. Name of conveying party(ies):

Takayuki YAMAMOTO and Tomohiro TARUNO

8/1/01

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

## 2. Name and address of receiving party(ies)?

NITTO DENKO CORPORATION

1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, Japan

11040 U.S. PTO  
09/918532  
08/01/01

09/918532

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Additional name(s) &amp; address(es) attached?

☐ yes☒ no

Execution Date: July 25, 2001

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 25, 2001

A. Patent Application No.(s)/Confirmation No.(s)  
Not Yet Assigned

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

## 6. Total number of applications and registration involved:

1

## 7. Total Fee (37 CFR 3.41):

\$40.00

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.☐ Authorized to be charged to Deposit Account

## 8. Deposit Account No.

19-4880

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## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark Boland

Reg. No. 32,197

August 1, 2001

Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

08/10/2001 TDIAZ1 00000109 09918532

01 F1:5A1

40.00 00

# Assignment

Whereas, I/We, Takayuki YAMAMOTO and Tomohiro TARUNO,  
both of Osaka, Japan

of

hereinafter called assignor(s), have invented certain improvements in

ACRYLIC PRESSURE-SENSITIVE ADHESIVE AND PROCESS FOR PRODUCING THE SAME

and executed an application for Letters Patent of the United States of America therefor on  
July 25, 2001 ; and

Whereas, NITTO DENKO CORPORATION of  
1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its  
successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/we will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of  
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application  
number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application  
number of said application when known.

Date: July 25, 2001 s/ Takayuki Yamamoto

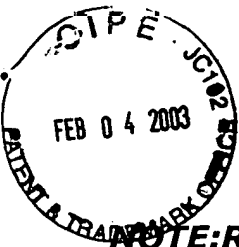
Date: July 25, 2001 s/ Tomohiro Taruno

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)



## Patent Assignment Abstract of Title

**NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.**

### Total Assignments: 2

**Patent #:** 6444772    **Issue Dt:** 09/03/2002    **Application #:** 09181456    **Filing Dt:** 10/28/1998

**Inventors:** KAZUHIKO SHIBATA, TAKAYUKI YAMAMOTO, VINCENT D. MCGINNISS, BHIMA R. VIJAYENDRAN et al

**Title:** SUPERCRITICAL FLUID PRESSURE SENSITIVE ADHESIVE POLYMERS AND THEIR PREPARATION

### Assignment: 1

**Reel/Frame:** 009557/0860

**Recorded:** 10/28/1998

**Pages:** 5

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** MCGINNIS, VINCENT D.

**Exec Dt:** 10/20/1998

VIJAYENDRAN, BHIMA R.

**Exec Dt:** 10/20/1998

SPAHR, KEVIN B.

**Exec Dt:** 10/20/1998

**Assignee:** NITTO DENKO CORPORATION

1-1-2, SHIMOHOZUMI

IBARAKI, OSAKA, JAPAN 567

**Correspondent:** MUELLER AND SMITH, LPA

JERRY K. MUELLER, JR.

7700 RIVERS EDGE DRIVE

COLUMBUS, OH 43235

### Assignment: 2

**Reel/Frame:** 009675/0381

**Recorded:** 01/04/1999

**Pages:** 4

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** SHIBATA, KAZUHIKO

**Exec Dt:** 12/17/1998

YAMAMOTO, TAKAYUKI

**Exec Dt:** 12/17/1998

**Assignee:** NITTO DENKO CORPORATION

1-1-2 SHIMOHOZUMI

IBARAKI, OSAKA, JAPAN 567-0

**Correspondent:** MUELLER AND SMITH, LPA

JERRY K. MUELLER, JR.

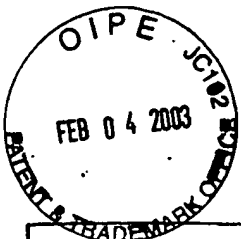
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11-06-1998



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Expires 06/30/00  
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Patent and Trademark Office  
**PATENT**1540 U.S. TO  
09/18/98

10/26/98

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Corrective Document

Reel #

Frame #

**Conveyance Type**

Assignment



Security Agreement



License



Change of Name



Merger



Other

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Departmental File



Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)

Vincent D. McGinnis

Execution Date  
Month Day Year  
10201998

Name (line 2)

**Second Party**

Name (line 1)

Bhima R. Vijayendran

Execution Date  
Month Day Year  
10201998

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Nitto Denko Corporation

If document to be recorded  
is an assignment and the  
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domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

Name (line 2)

Address (line 1)

1-1-2, Shimohozumi

Address (line 2)

Ibaraki

Address (line 3)

Osaka

Japan

567

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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**PATENT**  
**REEL: 9557 FRAME: 0860****RECEIVED**  
**FEB 5**  
**TC 1700**

**Correspondent Name and Address** Area Code and Telephone Number (614) 436-0600

Name Jerry K. Mueller, Jr., Mueller and Smith, LPA

Address (line 1) 7700 Rivers Edge Drive

Address (line 2) Columbus, Ohio 43235

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. # 3

**Application Number(s) or Patent Number(s)** ☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
10 20 1998

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT

PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. # 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Enclosed ☒ Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 13-4830

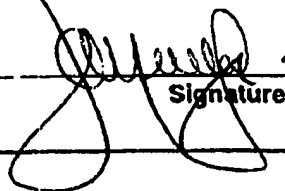
Authorization to charge additional fees: Yes ☒ No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Jerry K. Mueller, Jr.

Name of Person Signing



Signature

October 28, 1998

Date

FORM PTO-1619C  
Expires 06/30/90  
OMB 0431-0027

RECORDATION FORM COVER SHEET  
CONTINUATION  
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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Kevin B. Spahr

Execution Date  
Month Day Year

10201998

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



PATENT  
REEL: 9557 FRAME: 0862

**ASSIGNMENT**

**WHEREAS**, we, Vincent D. McGinniss of Sunbury, Ohio; Bhima R. Vijayendran of Upper Arlington, Ohio; and Kevin B. Spahr of Worthington, have invented certain new and useful improvements in Method and Apparatus for

**Supercritical Fluid Pressure Sensitive Adhesive Polymers And Their Preparation**

for which we am about to make application for Letters Patent of the United States; and

**WHEREAS**, Nitto Denko Corporation, a corporation of Japan, having an office at 1-1-2, Shimohozumi, Ibaraki, Osaka, 567, Japan, herein called "Assignee", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

**NOW, THEREFORE**, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, our entire right, title and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to said application executed by us on the 20<sup>th</sup> day of October, 1998, the 20<sup>th</sup> day of October, 1998, and the 20<sup>th</sup> day of October, 1998 respectively, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents and Trademarks or other proper Officer to issue such Letters Patent to the Assignee of our entire right, title and interest in and to the same for the sole use and behoove of the said Assignee, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such further assurance of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extension of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and I do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the patents to be obtained therefor to the said Assignee, as well as all other necessary papers.

IN TESTIMONY WHEREOF, we have hereunto set our hands at Columbus, this 2 day of October, 1998.

Vincent D. McGinniss  
Vincent D. McGinniss

STATE OF OHIO

)  
) SS.  
)

COUNTY OF FRANKLIN

Personally appeared before me this day the above-named NAME, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal this 27 day of October, 1998.



PENNY L. DEIBERT  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES SEPT. 26, 2001

Penny L. Deibert  
Notary Public



\*\*\*\*\*  
Bhima Vijayendran  
Bhima R. Vijayendran

STATE OF OHIO

)  
) SS.  
)

COUNTY OF FRANKLIN

Personally appeared before me this day the above-named NAME, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal this 20 day of October, 1998.



PENNY L. DEIBERT  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES SEPT. 26, 2001

Penny L. Deibert  
Notary Public

\*\*\*\*\*  
Kevin B. Spahr  
Kevin B. Spahr

STATE OF OHIO

)  
) SS.  
)

COUNTY OF FRANKLIN

Personally appeared before me this day the above-named NAME, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal this 20 day of October, 1998.



PENNY L. DEIBERT  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES SEPT. 26, 2001

Penny L. Deibert  
Notary Public



## Patent Assignment Abstract of Title

**NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.**

**Total Assignments: 1**

**Patent #:** 6376633    **Issue Dt:** 04/23/2002    **Application #:** 09472870    **Filing Dt:** 12/28/1999

**Inventors:** TAKAYUKI YAMAMOTO, TOMOHIRO TARUNO, TOMOHIDE BAMBA, MITSUHIRO KANADA et al

**Title:** ACRYLIC PRESSURE-SENSITIVE ADHESIVE COMPOSITION AND PROCESS FOR PRODUCING THE SAME

**Assignment: 1**

**Reel/Frame:** 010505/0434

**Recorded:** 12/28/1999

**Pages:** 2

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** YAMAMOTO, TAKAYUKI

**Exec Dt:** 12/09/1999

TARUNO, TOMOHIRO

**Exec Dt:** 12/09/1999

BAMBA, TOMOHIDE

**Exec Dt:** 12/09/1999

KANADA, MITSUHIRO

**Exec Dt:** 12/09/1999

MINAMIZAKI, YOSHIHIRO

**Exec Dt:** 12/09/1999

**Assignee:** NITTO DENKO CORPORATION

1-2, SHIMOHOZUMI 1-CHOME

IBARAKI-SHI, OSAKA, JAPAN

**Correspondent:** SUGHRUE, MION, ZINN, MACPEAK & SEAS

MARK BOLAND

2100 PENNSYLVANIA AVENUE, N.W.

SUITE 800

WASHINGTON, D.C. 20037-3202

Search Results as of: 2/4/2003 4:18:54 P.M.

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02-01-2000

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Patent and Trademark Office

Q57283

MMD 12.21.95

101255038

To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takayuki YAMAMOTO, Tomohiro TARUNO, Tomohide BAMBA,  
Mitsuhiko KANADA and Yoshihiro MINAMIZAKI

Additional name(s) of conveying party(ies) attached?

\_\_\_ yes \_\_\_ x no

2. Name and address of receiving party(ies)?

Name:

MITTO DENKO CORPORATION

Internal Address:

1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka Japan

Street Address:

Same as above

City

State

Zip

Additional name(s) & address(es) attached?

\_\_\_ yes \_\_\_ x no

3. Nature of Conveyance:

\_\_\_ x Assignment

\_\_\_ Merger

\_\_\_ Security Agreement

\_\_\_ Change of Name

\_\_\_ Other

Execution Date: December 9, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:  
December 9, 1999

A. Patent Application No.(s)

B. Patent No(s).

09/472870

Additional numbers attached? \_\_\_ Yes \_\_\_ x No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:  
One (1)

7. Total Fee (37 CFR 3.41):

\$ 40.00

\_\_\_ x Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

\_\_\_ Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

*Mark Boland*

Name Mark Boland Reg. No. 32,197

December 28, 1999

Date

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10:564 U.S. PTO  
09/472870  
12/28/99

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FEB 5 2000  
TC 1700

PATENT  
REEL: 010505 FRAME: 0434

# Assignment

Whereas, ~~W~~We. Takayuki Yamamoto, Tomohiro Taruno, x  
Tomohide Bamba, Mitsuhiro Kanada and Yoshihiro Minamizaki all of  
Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in

ACRYLIC PRESSURE-SENSITIVE ADHESIVE COMPOSITION  
AND PROCESS FOR PRODUCING THE SAME

and executed an application for Letters Patent of the United States of America therefor on  
December 9, 1999; and

Whereas, NITTO DENKO CORPORATION of  
1-2, Shimohozumi 1-chome, Ibaraki-shi,  
Osaka, Japan  
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its  
successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/we will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of  
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application  
number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application  
number of said application when known.

Date: 12/09/1999 s/ Takayuki Yamamoto

Date: 12/09/1999 s/ Tomohiro Taruno

Date: 12/09/1999 s/ Tomohide Bamba

Date: 12/09/1999 s/ Mitsuhiro Kanada

Date: 12/09/1999 s/ Yoshihiro Minamizaki

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

FORM PTO-1619A  
Expires 06/30/00  
OMB 0651-0027

01-07-1999

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



100937122

**RECORDATION FORM COVER SHEET  
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MRO 1-4-99

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_
- ☐ Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- ☐ Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other \_\_\_\_\_
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**Conveying Party(ies)**

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Name (line 1) Kazuhiko Shibata Execution Date Month Day Year 12171998

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) Takayuki Yamamoto Execution Date Month Day Year 12171998

Name (line 2) \_\_\_\_\_

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Nitto Denko Corporation

Name (line 2) \_\_\_\_\_

Address (line 1) 1-1-2 Shimohozumi

Address (line 2) \_\_\_\_\_

Address (line 3) Ibaraki Osaka, Japan 567-0041

City State/Country Zip Code

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**PATENT**

**REEL: 9675 FRAME: 0381**

01/06/1999 DNGUYEN 00000089 09181456  
01 FC:581

40.00 DP

**Correspondent Name and Address**

Area Code and Telephone Number **(614) 436-0600**

Name **Mueller and Smith, LPA**

Address (line 1) **7700 Rivers Edge Drive**

Address (line 2) **Columbus, Ohio 43235**

Address (line 3)

Address (line 4)

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# **3**

**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

Patent Number(s)

**09181456**

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

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PCT

PCT

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PCT

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**Number of Properties**

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# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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Authorization to charge additional fees:

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**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.*

**Jerry K. Mueller, Jr.**

Name of Person Signing

Signature

**December 30, 1998**

Date

**Correspondent Name and Address**

Area Code and Telephone Number (614) 436-0600

Name Mueller and Smith, LPA

Address (line 1) 7700 Rivers Edge Drive

Address (line 2) Columbus, Ohio 43235

Address (line 3)

Address (line 4)

**Pages**

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**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

**Patent Number(s)**

09181456

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
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**Number of Properties**

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**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

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Deposit Account ☐

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Deposit Account Number:

# 13-4830

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.

Jerry H. Mueller, Jr.

Name of Person Signing

Signature

December 30, 1998

Date

**ASSIGNMENT**

**WHEREAS**, we, Kazuhiko Shibata and Takayuki Yamamoto, both of Osaka, Japan, have invented certain new and useful improvements in Method and Apparatus for

**SUPERCRITICAL FLUID PRESSURE SENSITIVE ADHESIVE POLYMERS  
AND THEIR PREPARATION**

for which we made application for Letters Patent of the United States on October 28, 1998, as serial no. 09/181,456; and

**WHEREAS**, Nitto Denko Corporation, a corporation of Japan, having an office at 1-1-2, Shimohozumi, Ibaraki, Osaka, 567-0041, Japan, herein called "Assignee", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

**NOW, THEREFORE**, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, our entire right, title and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to said application serial no. 09/181,456, filed on October 28, 1998; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents and Trademarks or other proper Officer to issue such Letters Patent to the Assignee of our entire right, title and interest in and to the same for the sole use and behoove of the said Assignee, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such further assurance of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extension of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and I do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the patents to be obtained therefor to the said Assignee, as well as all other necessary papers.

**IN TESTIMONY WHEREOF**, we have hereunto set our hands on the dates set forth below:

Date: Dec 17, 1998

Kazuhiko Shibata  
Kazuhiko Shibata

Date: Dec 17, 1998

Takayuki Yamamoto  
Takayuki Yamamoto